

Title (en)
METHOD TO AUTHENTICATE A SUBSCRIBER IN A LOCAL NETWORK

Title (de)
VERFAHREN ZUR AUTHENTIFIZIERUNG EINES TEILNEHMERS IN EINEM LOKALEN NETZWERK

Title (fr)
PROCÉDÉ POUR AUTHENTIFIER UN ABONNÉ DANS UN RÉSEAU LOCAL

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Application
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Abstract (en)
[origin: EP3139649A1] The present invention relates to a method to authenticate a subscriber (IMSLi) within a local network (LNj) comprising preliminary step of deriving a subscriber key (SMKi) in local keys (LKi), one local key (LKilNj) for each local network (LNj) the subscriber (IMSLi) is authorized to access, provisioning each local network (LNj) the subscriber (IMSLi) is authorized to access with its own local key (LKilNj). When an authentication is required in a given local network (LNj), an UICC application derives a local key (LKilNj) in the UICC application of the subscriber (IMSLi) using the network identifier (LNj), the key derivation function (KDF) and the subscriber key (SMKi) and use the derived local key (LKilNj) in the algorithm to perform local authentication in the local network (LNj).

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